

1 of 18

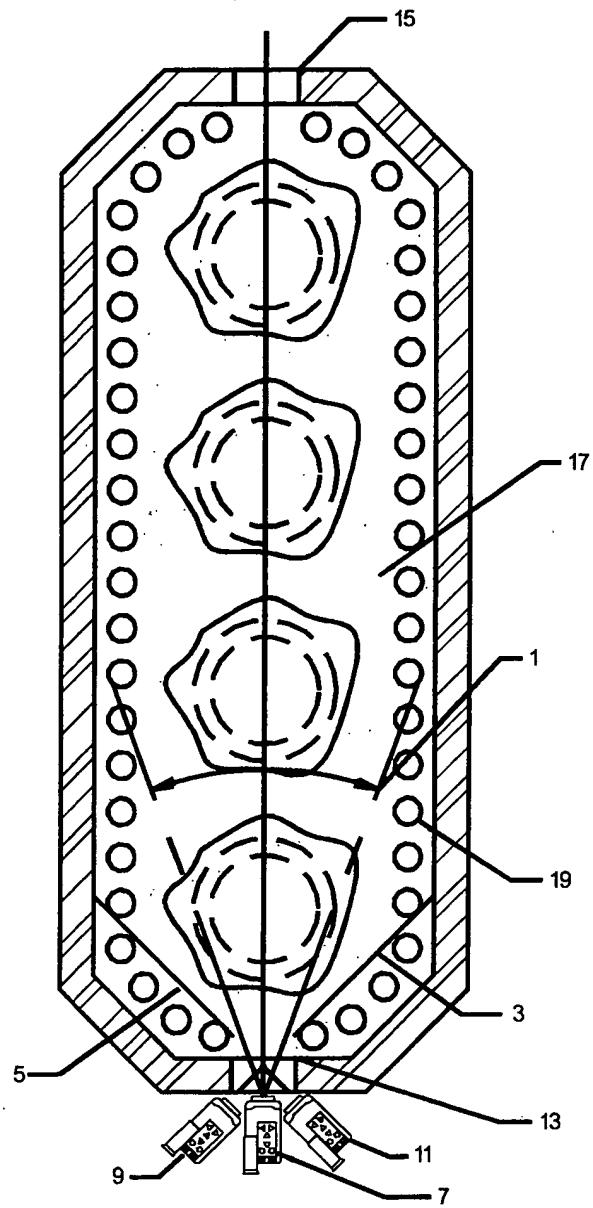


FIGURE 1

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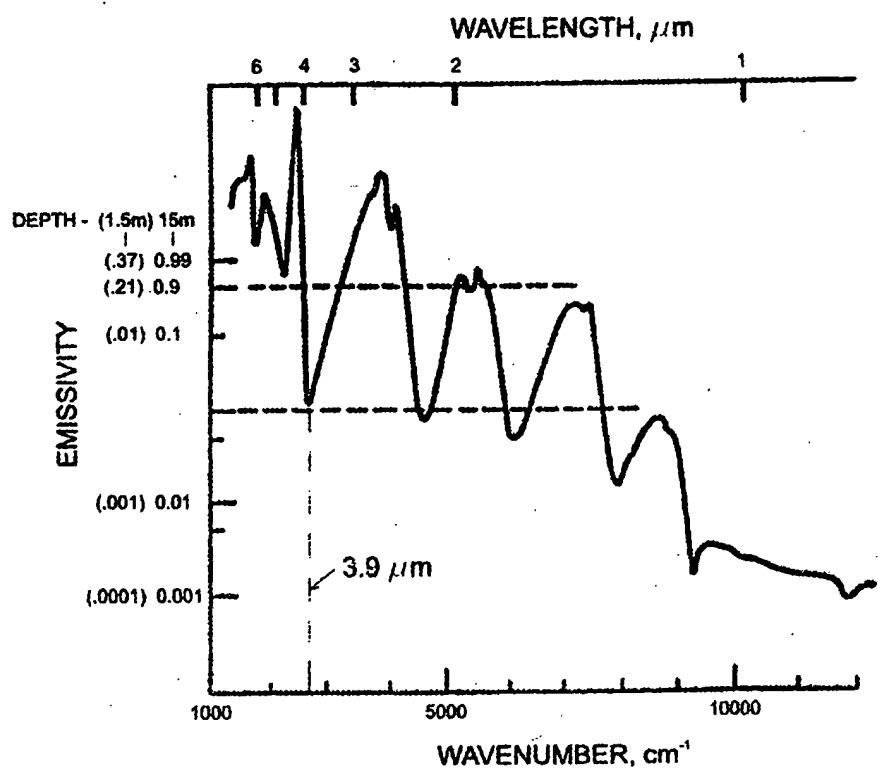


FIGURE 2A

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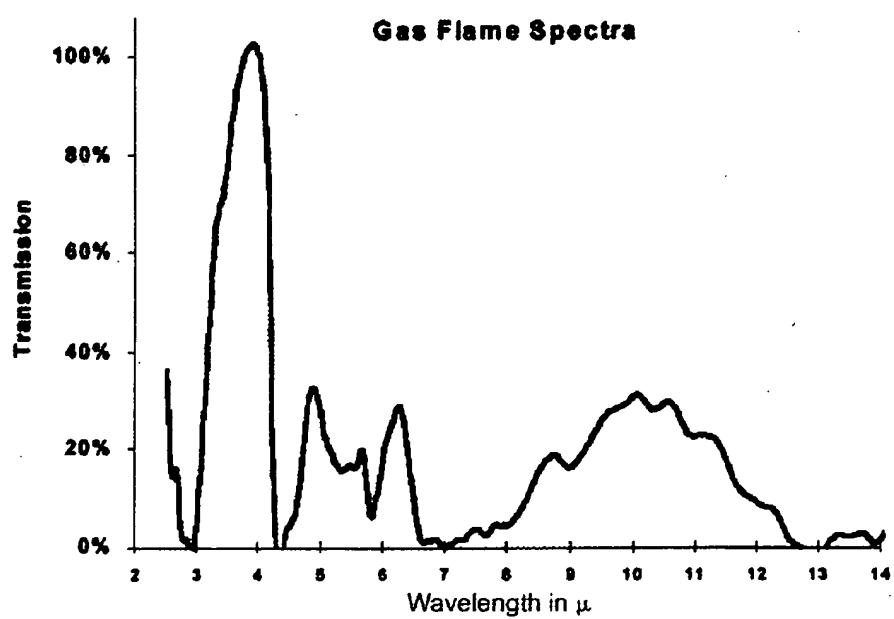


FIGURE 2B

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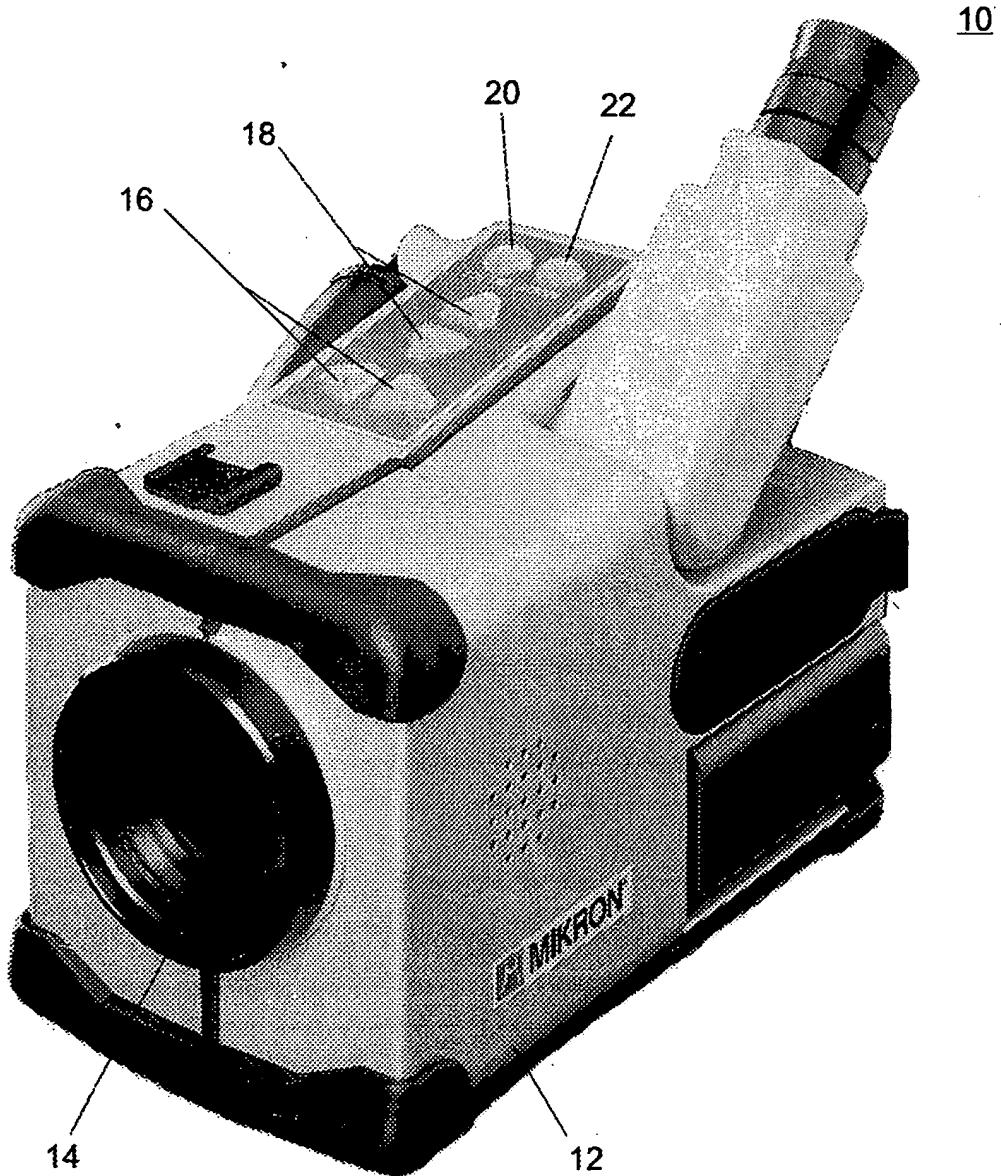


FIGURE 3

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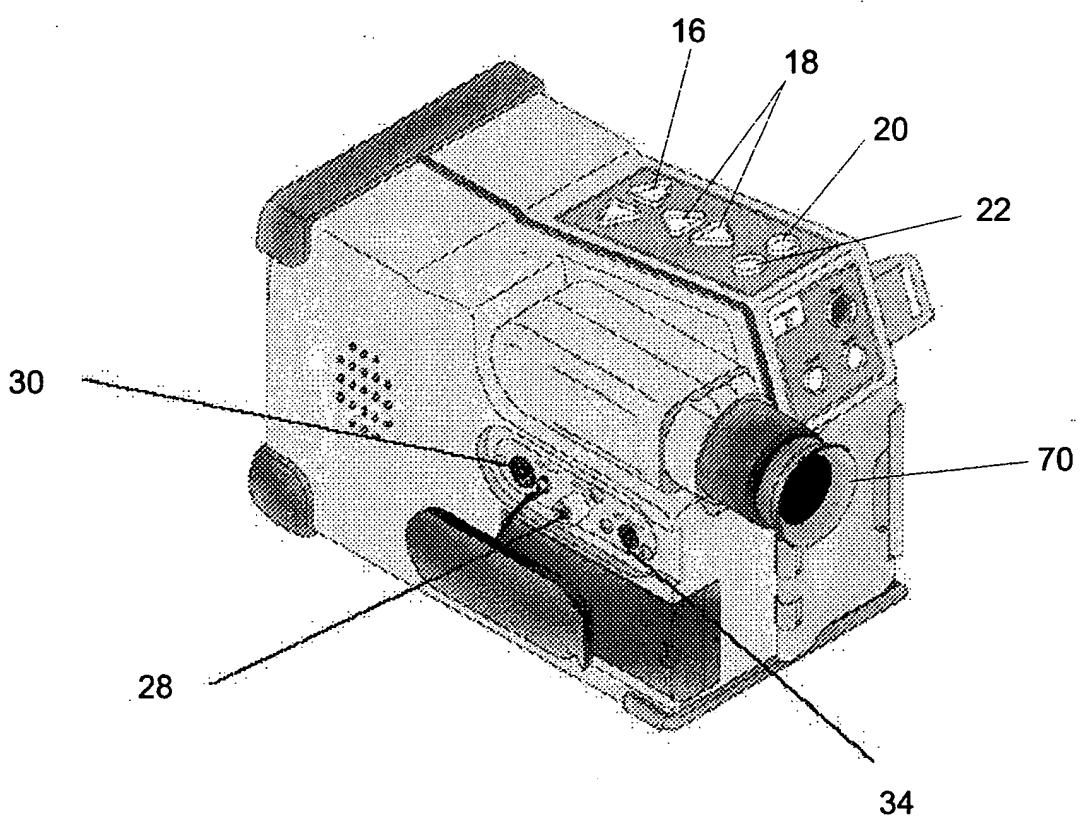


FIGURE 3A

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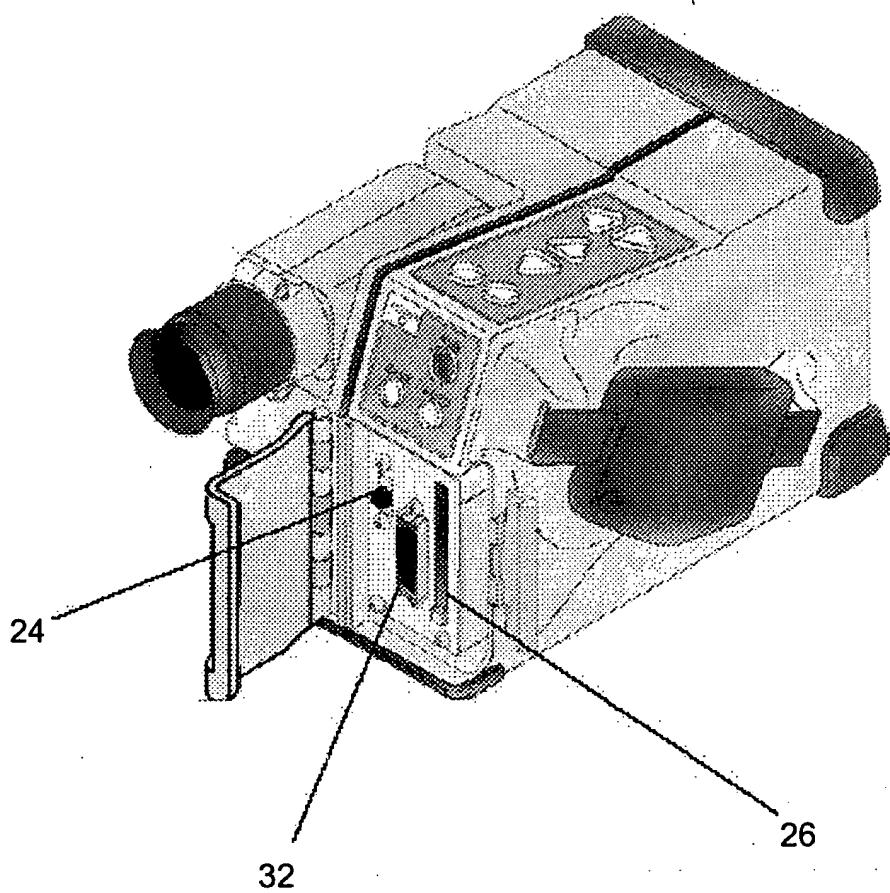


FIGURE 3B

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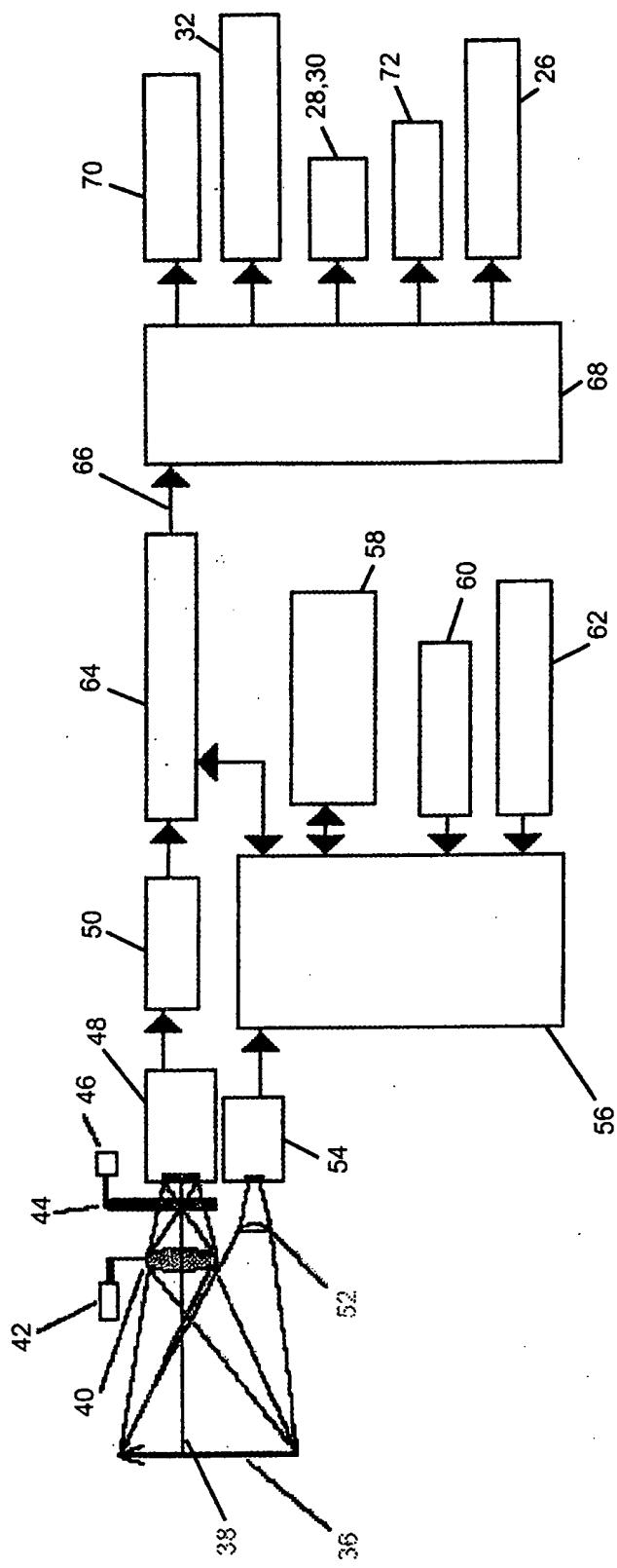


FIGURE 4

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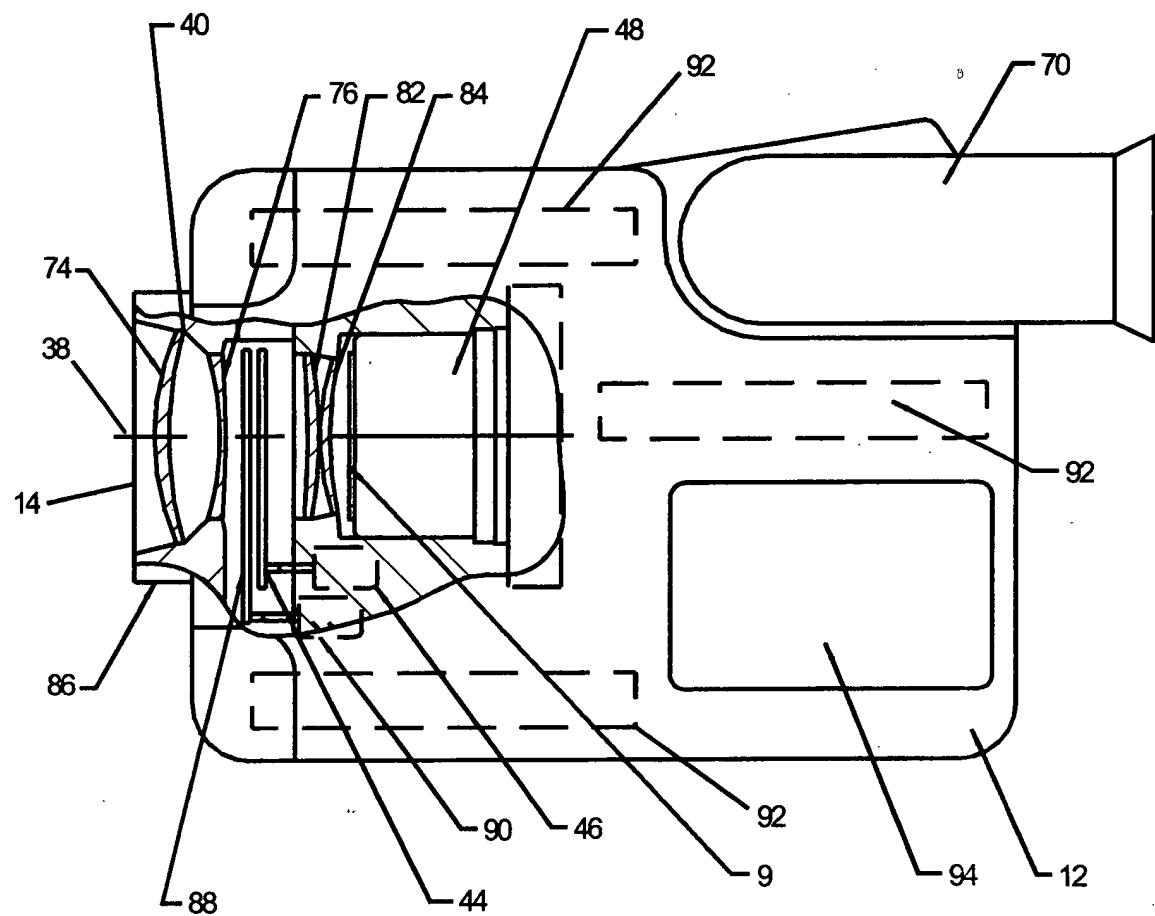


FIGURE 5

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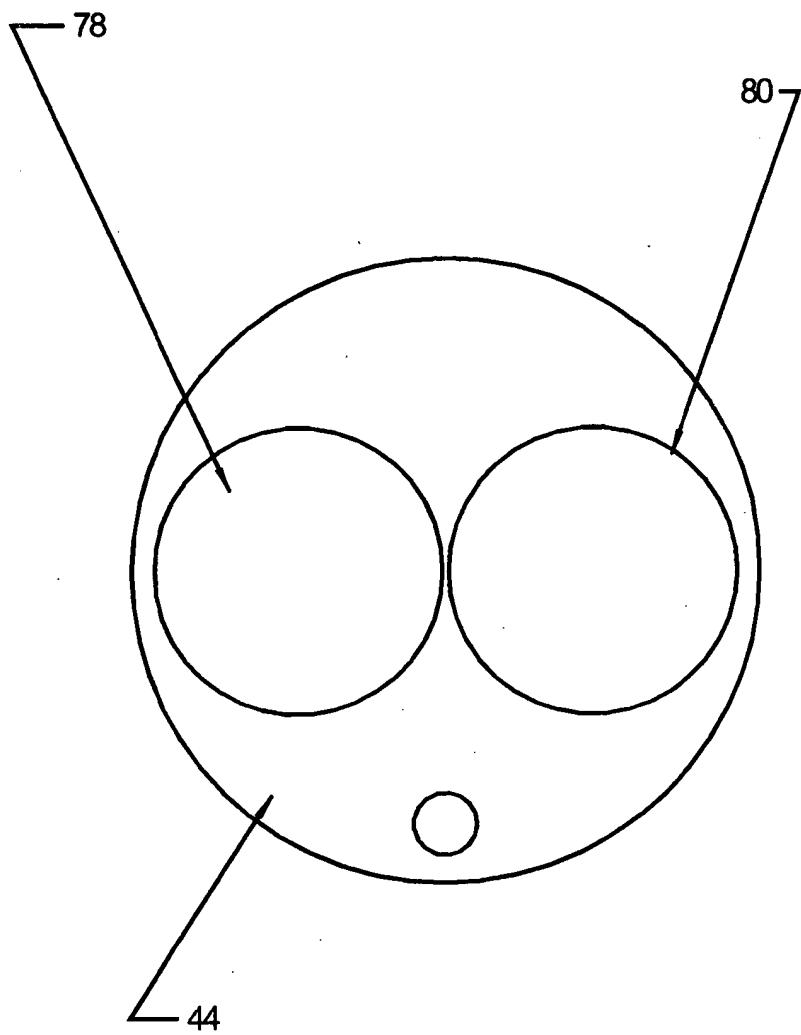


FIGURE 6

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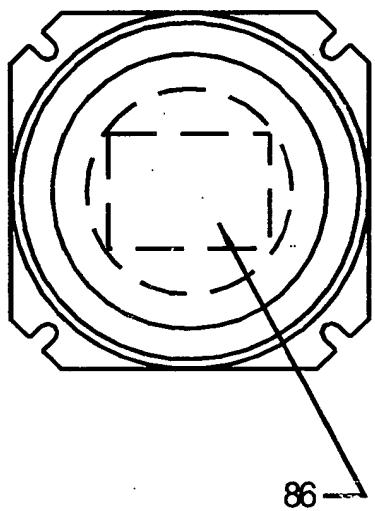


FIGURE 7A

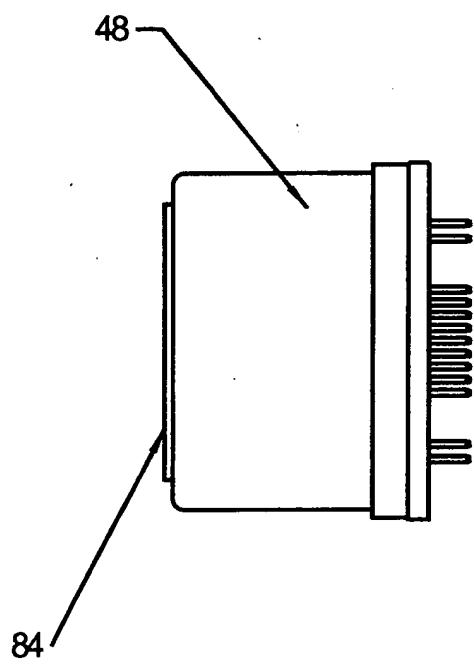


FIGURE 7B

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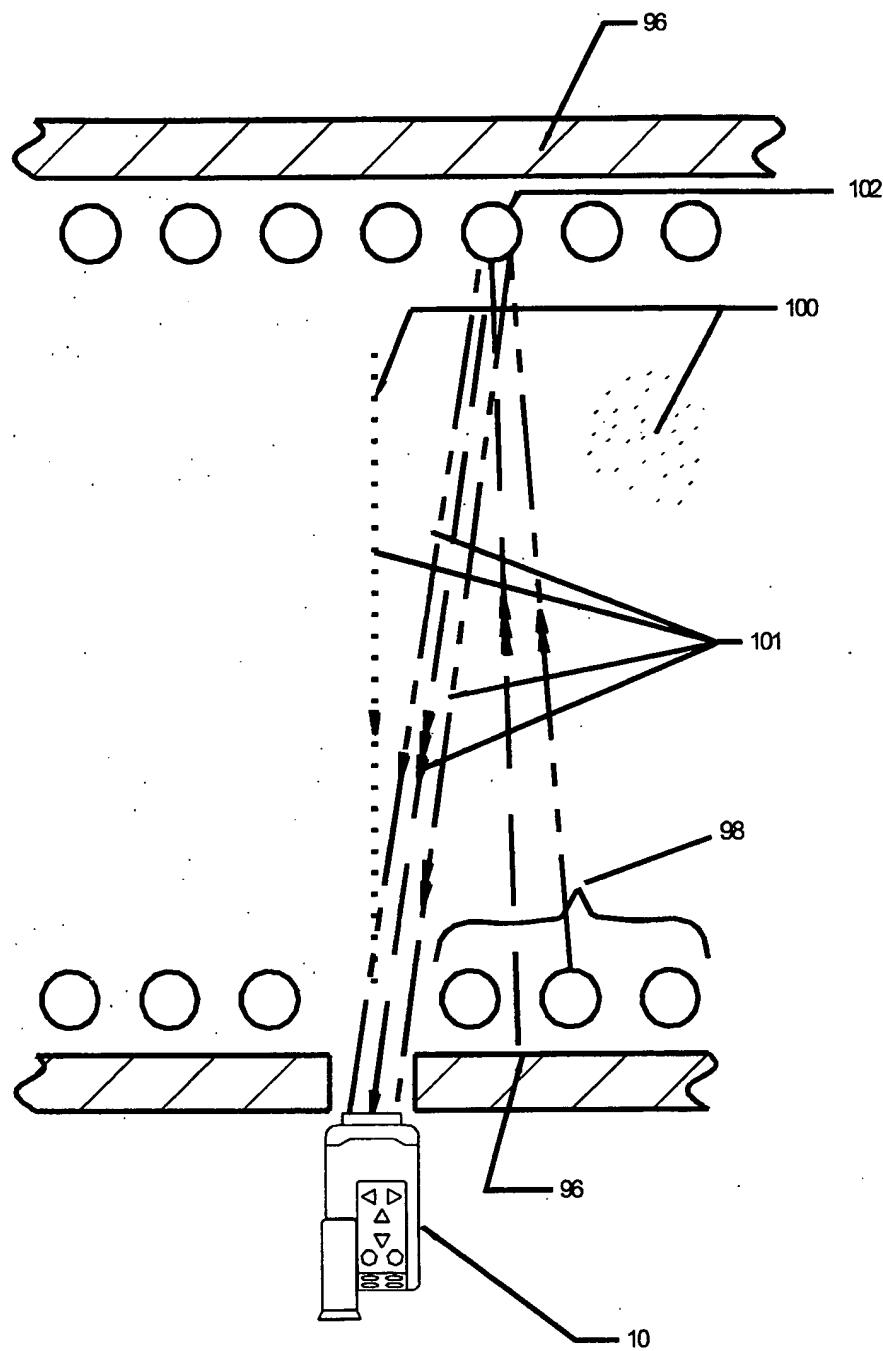


FIGURE 8

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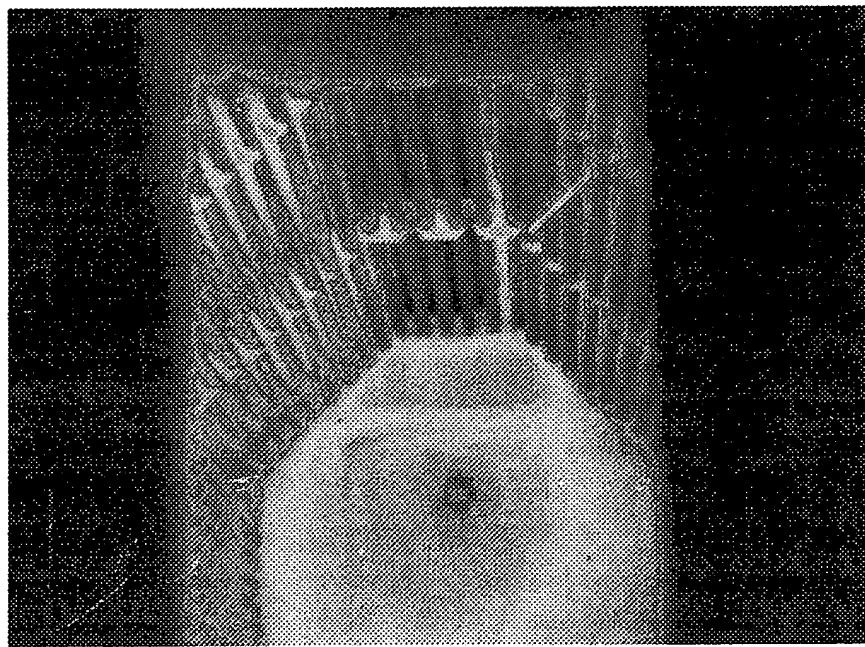


FIGURE 9A

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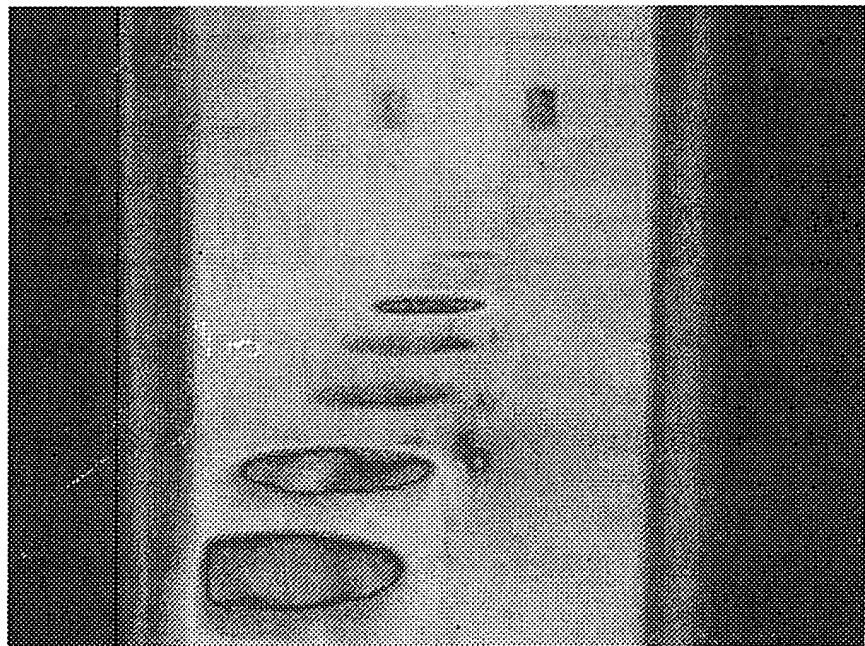


FIGURE 9B

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FIGURE 9C

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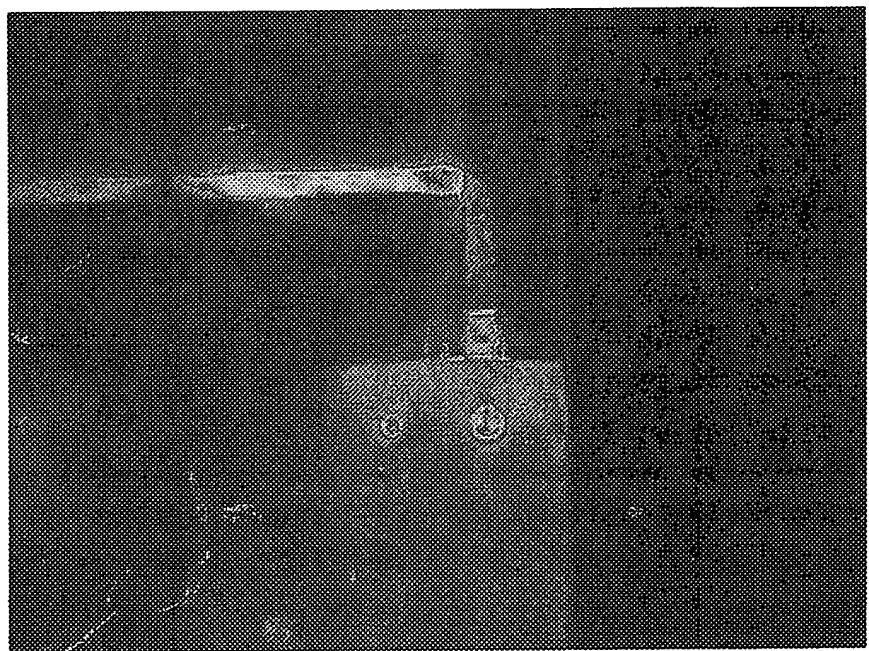


FIGURE 10

10/536541

PCT/US04/02762

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TABLE 1

Temp °C	ENERGY Watts/cm^2	Temp °C	ENERGY Watts/cm^2
400	3.4701E-02	850	3.2282E-01
410	3.7613E-02	860	3.3269E-01
420	4.0675E-02	870	3.4271E-01
430	4.3891E-02	880	3.5285E-01
440	4.7261E-02	890	3.6313E-01
450	5.0787E-02	900	3.7353E-01 ← 104
460	5.4471E-02	910	3.8406E-01
470	5.8314E-02	920	3.9472E-01
480	6.2318E-02	930	4.0550E-01
490	6.6483E-02	940	4.1641E-01
500	7.0809E-02	950	4.2744E-01
510	7.5299E-02	960	4.3859E-01
520	7.9952E-02	970	4.4985E-01
530	8.4769E-02	980	4.6124E-01
540	8.9749E-02	990	4.7274E-01
550	9.4894E-02	1000	4.8436E-01
560	1.0020E-01	1010	4.9609E-01
570	1.0568E-01	1020	5.0793E-01
580	1.1131E-01	1030	5.1988E-01
590	1.1711E-01	1040	5.3194E-01
600	1.2308E-01	1050	5.4411E-01
610	1.2921E-01	1060	5.5639E-01
620	1.3550E-01	1070	5.6877E-01
630	1.4195E-01	1080	5.8126E-01
640	1.4856E-01	1090	5.9385E-01
650	1.5533E-01	1100	6.0654E-01 ← 106
660	1.6226E-01	1110	6.1933E-01
670	1.6935E-01	1120	6.3222E-01
680	1.7660E-01	1130	6.4521E-01
690	1.8401E-01	1140	6.5829E-01
700	1.9157E-01	1150	6.7147E-01
710	1.9928E-01	1160	6.8475E-01
720	2.0715E-01	1170	6.9812E-01
730	2.1517E-01	1180	7.1157E-01
740	2.2334E-01	1190	7.2512E-01
750	2.3166E-01	1200	7.3876E-01
760	2.4013E-01	1210	7.5249E-01
770	2.4875E-01	1220	7.6631E-01
780	2.5751E-01	1230	7.8021E-01
790	2.6642E-01	1240	7.9419E-01
800	2.7547E-01	1250	8.0826E-01
810	2.8466E-01	1260	8.2242E-01
820	2.9399E-01	1270	8.3665E-01
830	3.0346E-01	1280	8.5097E-01
840	3.1307E-01	1290	8.6536E-01
		1300	8.7984E-01

FIGURE 11A

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TABLE 1 (con't)

Temp °C	ENERGY Watts/cm^2	Temp °C	ENERGY Watts/cm^2
1310	8.9439E-01	1780	1.6506E+00
1320	9.0902E-01	1790	1.6679E+00
1330	9.2373E-01	1800	1.6853E+00
1340	9.3851E-01	1810	1.7028E+00
1350	9.5336E-01	1820	1.7202E+00
1360	9.6829E-01	1830	1.7378E+00
1370	9.8329E-01	1840	1.7553E+00
1380	9.9836E-01	1850	1.7729E+00
1390	1.0135E+00	1860	1.7906E+00
1400	1.0287E+00	1870	1.8082E+00
1410	1.0440E+00	1880	1.8259E+00
1420	1.0593E+00	1890	1.8437E+00
1430	1.0748E+00	1900	1.8615E+00
1440	1.0902E+00	1910	1.8793E+00
1450	1.1058E+00	1920	1.8972E+00
1460	1.1214E+00	1930	1.9151E+00
1470	1.1371E+00	1940	1.9330E+00
1480	1.1528E+00	1950	1.9510E+00
1490	1.1686E+00	1960	1.9690E+00
1500	1.1845E+00	1970	1.9871E+00
1510	1.2004E+00	1980	2.0051E+00
1520	1.2163E+00	1990	2.0233E+00
1530	1.2324E+00	2000	2.0414E+00
1540	1.2485E+00		
1550	1.2646E+00		
1560	1.2809E+00		
1570	1.2971E+00		
1580	1.3134E+00		
1590	1.3298E+00		
1600	1.3463E+00		
1610	1.3627E+00		
1620	1.3793E+00		
1630	1.3959E+00		
1640	1.4125E+00		
1650	1.4292E+00		
1660	1.4459E+00		
1670	1.4627E+00		
1680	1.4796E+00		
1690	1.4965E+00		
1700	1.5134E+00	←	108
1710	1.5304E+00		
1720	1.5474E+00		
1730	1.5645E+00		
1740	1.5816E+00		
1750	1.5988E+00		
1760	1.6160E+00		
1770	1.6333E+00		

FIGURE 11B

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TABLE 2

Temp °C	ENERGY Watts/cm^2	Temp °C	ENERGY Watts/cm^2	Temp °C	ENERGY Watts/cm^2
900	3.7353E-01	944	4.2081E-01	988	4.7043E-01
901	3.7458E-01	945	4.2191E-01	989	4.7159E-01
902	3.7563E-01	946	4.2301E-01	990	4.7274E-01
903	3.7668E-01	947	4.2412E-01	991	4.7390E-01
904	3.7773E-01	948	4.2522E-01	992	4.7506E-01
905	3.7878E-01	949	4.2633E-01	993	4.7621E-01
906	3.7984E-01	950	4.2744E-01	994	4.7737E-01
907	3.8089E-01	951	4.2855E-01	995	4.7853E-01
908	3.8195E-01	952	4.2966E-01	996	4.7970E-01
909	3.8301E-01	953	4.3077E-01	997	4.8086E-01
910	3.8406E-01	954	4.3188E-01	998	4.8202E-01
911	3.8512E-01	955	4.3300E-01	999	4.8319E-01
912	3.8619E-01	956	4.3411E-01	1000	4.8436E-01
913	3.8725E-01	957	4.3523E-01		
914	3.8831E-01	958	4.3635E-01		
915	3.8938E-01	959	4.3747E-01		
916	3.9044E-01	960	4.3859E-01		
917	3.9151E-01	961	4.3971E-01		
918	3.9258E-01	962	4.4083E-01		
919	3.9365E-01	963	4.4195E-01		
920	3.9472E-01	964	4.4308E-01		
921	3.9579E-01	965	4.4421E-01		
922	3.9687E-01	966	4.4533E-01		
923	3.9794E-01 ← 110	967	4.4646E-01		
924	3.9902E-01	968	4.4759E-01		
925	4.0010E-01	969	4.4872E-01		
926	4.0118E-01	970	4.4985E-01		
927	4.0226E-01	971	4.5099E-01 ← 112		
928	4.0334E-01	972	4.5212E-01		
929	4.0442E-01	973	4.5326E-01		
930	4.0550E-01	974	4.5439E-01		
931	4.0659E-01	975	4.5553E-01		
932	4.0768E-01	976	4.5667E-01		
933	4.0876E-01	977	4.5781E-01		
934	4.0985E-01	978	4.5895E-01		
935	4.1094E-01	979	4.6010E-01		
936	4.1203E-01	980	4.6124E-01		
937	4.1313E-01	981	4.6238E-01		
938	4.1422E-01	982	4.6353E-01		
939	4.1531E-01	983	4.6468E-01		
940	4.1641E-01	984	4.6583E-01		
941	4.1751E-01	985	4.6698E-01		
942	4.1861E-01	986	4.6813E-01		
943	4.1971E-01	987	4.6928E-01		

FIGURE 12